NetVanta 2050/2054

Small Office and Home Office VPN Gateway and Firewall

Product Features

- Standards-based IPSec VPN tunneling with DES/3DES/AES encryption
- Internet Key Exchange (IKE) for user authentication
- Stateful inspection firewall for network security
- Five private tunnels and up to 15 users
- Built-in IP router supporting BGP, OSPF, and RIP
- Quality of Service (QoS) for delay sensitive traffic like VoIP
- Network Address Translation for IP address concealing
- Web-based and CLI remote management
- 10/100Base-T Ethernet interfaces for flexible connectivity
- Logging and alerts
- Industry-leading five-year North American warranty

The ADTRAN NetVanta® 2050 and 2054 are Small Office/Home Office VPN/Firewall gateways providing all the necessary components required to secure an integrated VPN solution. Used primarily for remote access, the NetVanta 2050 and 2054 are perfect for work-at-home telecommuters needing to have a secure connection back to corporate resources. Based on the ADTRAN Operating System (AOS), the NetVanta 2050 and 2054 provide key security and data protection features such as IPSec VPN tunneling, stateful inspection firewall, IP routing, Network Address Translation (NAT), and even a DHCP server. The 2050 and 2054 support the same features and perform the same functions, but the 2054 adds a built-in four-port 10/100Base-T Ethernet switcb.

Security

On a public infrastructure like the Internet, security is of the utmost importance. The NetVanta 2050 and 2054 employs a stateful inspection firewall that protects an organization's network from common Denial of Service (DoS) attacks including TCP synflooding, IP spoofing, ICMP redirect, ping-of-death, and IP reassembly problems.

For the telecommuter that needs a dedicated firewall without corporate VPN access, the NetVanta 2050 and 2054 offer a firewall only version. The firewall only versions offer the same basic features, without IPSec VPN tunneling, encryption and authorization.

VPN Tunneling

The NetVanta 2050 and the 2054 are IPSec-compliant devices that provide secure communications over potentially unsecure networks. As security gateways, both the NetVanta 2050 and 2054 supports up to five simultaneous VPN tunnels and up to 15 users on the LAN, while supporting encryption algorithms including DES, 3DES, and AES. In addition, these devices support IKE (Internet Key Exchange) and X.509 digital certificates for user authentication.

Management

NetVanta's web-based GUI or CLI can be used for secure local or remote configuration of any NetVanta 2050 and 2054. For a centralized, enterprise-wide management scheme, ADTRAN offers n-Command™, an intuitive, scalable software suite for managing larger NetVanta deployments and features robust productivity tools to effectively manage a distributed network. To administer user accounts, the NetVanta 2050 and 2054 utilizes XAUTH using RADIUS and RSA SecurID to manage administration account lists. These devices also offer built-in alert and logging mechanisms to warn administrators about activities that are going on in the network.

Quality of Service (QoS)

QoS is also supported for delay sensitive traffic like VoIP or video. To prioritize mission critical traffic and control network congestion, the NetVanta 2050/2054 uses Low Latency Queuing, Weighted Fair Queuing (WFQ), Class-based WFQ, and DiffServ marking to establish priority of IP packets routed over the network.

VoIP Ready

In combination with the QoS features, a specialized SIP Application Layer Gateway (ALG) allows SIP traffic to traverse NAT-enabled firewalls. For an enterprise network, this interoperability allows IP PBXs, pbones, and other SIP-based devices to set up, tear down, and pass voice and call control messages seamlessly through the integral NAT-enabled firewall.

Interoperability

The NetVanta 2050 and 2054 offers the highest level of integration with ADTRAN's complete line of IPSec VPN equipped NetVanta products: NetVanta Ethernet Switches, NetVanta Access Routers, and NetVanta VPN/Firewall appliances. Together the NetVanta Series offers the most robust set of feature to address a wide range of enterprise VPN needs.

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Empowering People

Technical Specifications

Acer Value Line

	AL1516 Ab	AL1716	AL1717	AL1916	AL1917
Size/Type	15" TFT LCD	17" TFT LCD	17" TFT LCD	19" TFT LCD or 19" wide-screen TFT LCD	19" TFT LCD
Native Resolution	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024 or 1440 x 900	1280 x 1024
Contrast Ratio	600:1	800:1	700:1 or 800:1	700:1	700:1
Horizontal Viewing Angle	130°	160°	150° or 160°	140° or 150°	150°
Vertical Viewing Angle	100°	160°	130° or 160°	140° or 135°	135°
Audio	No Speakers	No Speakers	Two integrated 1.0W speakers	No Speakers	Two integrated 1.0W speakers
Signal Connectors	VGA (analog D-sub)	VGA (analog D-sub)	VGA (analog D-sub) and DVI-D	VGA or VGA (analog D-sub) and DVI-D	VGA (analog D-sub) and DVI-D
Chassis Color	Black	Black	Black	Black	Black
Pixel Pitch	0.297 mm	0.264 mm	0.264 mm	0.294 mm	0.294 mm
Brightness (typical)	250 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²
Response Time (typical)	12ms	5ms	4ms or 5 ms	5ms or 8ms	5ms
Colors Supported	Up to 16.2 million	Up to 16.7 million	**AL1717 Bbmd** Up to 16.2 million **AL1717 Bbmd** Up to 16.2 million	Up to 16.2 million	Up to 16.2 million
Power	Voltage: 100-240V AC Adapter: internal Power consumption: 30W	Voltage: 100-240V AC Adapter: internal Power consumption: 40W	Voltage: 100-240V AC Adapter: internal Power consumption: 40W	Voltage: 100-240V AC Adapter: internal Power consumption: 44W for 19", 50W for wide-screen 19"	Voltage: 100-240V AC Adapter: internal Power consumption: 45W
Kensington® Lock	Supported	Supported	Supported	Supported	Supported
VESA Wall Mount	Supported	Supported	Supported	Supported	Supported
Dimensions	13.46" (342 mm) W X 6.61" (168.0 mm) D X 13.90" (353.0 mm) H	14.7" (375.0mm) W x 6.3" (161.0mm) D x 15.0" (380.0mm) H	**AL1717 Bbmd** 14.8" (377.0mm) W x 7.2" (182.0mm) D x 15.5" (393.0mm) H **AL1717 Fbd** 14.7" (375.0mm) W x 6.3" (161.0mm) D x 15.0" (380.0mm) H	16.6" (422.2mm) W x 6.9" (175.8mm) D x 17.0" (433.0mm) H	16.4" (416.0mm) W x 8.1" (207.0mm) D x 16.8" (427.0mm) H
Weight	8.37 lb. (3.8kg)	13.5 lb. (6.2kg)	13.5 lb. (6.2 kg)	16.5 lb. (7.5kg)	16.5 lb. (7.5kg)
Limited Warranty	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]

	AL2016W	AL2017	AL2216W	AL2416W	AL2616Wd
Size/Type	20" wide-screen TFT LCD	20" TFT LCD	22" wide-screen TFT LCD	24" wide-screen TFT LCD	25.5" wide-screen TFT LCD
Native Resolution	1680 x 1050	1400 x 1050	1680 x 1050	1920 x 1200	1920 x 1200
Contrast Ratio	800:1	600:1 or 800:1	700:1	1000:1	1600:1 (ACM)
Horizontal Viewing Angle	160°	150° or 170°	170°	160° or 178°	178°
Vertical Viewing Angle	160°	130° or 160°	160°	160° or 178°	178°
Audio	No Speakers	Two integrated 2.0W speakers	No Speakers	No Speakers	No Speakers
Signal Connectors	VGA (analog D-sub) and DVI-D	VGA (analog D-sub) and DVI-D	VGA (analog D-sub) and DVI-D (HDCP)	VGA (analog D-sub) and DVI-D (HDCP)	VGA (analog D-sub) and DVI-D (HDCP)
Chassis Color	Black or Silver	Black	Black	Silver	Silver
Pixel Pitch	0.258 mm	0.292 mm	0.282 mm	0.270 mm	0.286 mm
Brightness (typical)	300 cd/m²	300 cd/m²	300 cd/m²	400 cd/m² or 500 cd/m²	500 cd/m²
Response Time (typical)	5ms	8ms or 5 ms	5ms or 2ms gray to gray	5ms or 6ms gray to gray	5ms gray to gray
Colors Supported	Up to 16.2 million	Up to 16.2 million	Up to 16.7 million	Up to 16.7 million	Up to 16.7 million
Power	Voltage: 100-240V AC Adapter: internal Power consumption: 50W	Voltage: 100-240V AC Adapter: internal Power consumption: 55W	Voltage: 100-240V AC Adapter: internal Power consumption: 55W	Voltage: 100-240V AC Adapter: internal Maximum power consumption: 90W	Voltage: 100-240V AC Adapter: internal Power consumption: 125W
Kensington® Lock	Supported	Supported	Supported	Supported	Supported
VESA Wall Mount	Supported	Supported	Supported	Supported	Supported
Dimensions	17.6" (448.0mm) W x 8.3" (212.0mm) D x 19.4" (492.0mm) H	17.6" (448.0mm) W x 8.3" (212.0mm) D x 19.4" (492.0mm) H	20.2" (514.0mm) W x 7.8" (198.0mm) D x 16.0" (406.0mm) H	22.7" (577.0mm) W x 8.7" (221.0mm) D x 18.0" (457.0mm) H	24.3" (618.0mm) W x 8.6" (219.0mm) D x 16.1" (409.0mm) H
Weight	15.4 lb. (6.7kg)	15.4 lb. (6.7kg)	13.9 lb. (6.3kg)	27.5 lb. (12.5kg)	27.5 lb. (12.5kg)
Limited Warranty	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]

[1] For a free copy of the standard limited warranty end-users should see a reseller where Acer products are sold or write to Acer America Corporation, Warranty Department, P.O. Box 6137, Temple, TX
Specifications are subject to change without notice.

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CONTENTS

FOR THE USER

Important Safety Information 2

Description Of The Oven 4
Getting To Know Your Oven 5
The Cooling Fan For The Controls 5
Control Panel Indicator Neons 5
Grill And Oven Furniture 6
Before Using For The First Time 7
Rating Plate 7
When First Switching On 7
Condensation And Steam 7
Cookware 7

The Electronic Timer 8

The Dual Grill 12
Using The Grill 12
Things To Note 12
The Grill Pan And Handle 13
Hints And Tips 13
Grilling Chart 14

The Second Oven 15
Using The Second Oven 15
Things To Note 15
To Fit The Second Oven Shelf 15
Hints And Tips 16
Second Oven Cooking Chart 17

The Main Fan Oven 18
Using The Fan Oven 18
Things To Note 18
To Fit The Main Oven Shelves 18
Hints And Tips 19

The Conventional Oven 20
Using The Conventional Oven 20
Things To Note 20
Hints And Tips 21
Main Oven Cooking Chart 22
Roasting Chart 23

Pizza Function 24
Using Pizza Function 24
Things To Note 24
Hints And Tips 24

Speedcook 25
Using Speedcook 25
Things To Note 25
Hints And Tips 25

Thermal Griling 26
Using Thermal Grilling 26
Things To Note 26
Hints And Tips 27
Thermal Grilling Chart 27

Defrosting 28
Using Defrost Feature 28
Things To Note 28
Hints And Tips 28

Helpful Hints When Buying And Preparing Food 30

Care And Cleaning 31
Cleaning Materials 31
Cleaning The Outside Of The Oven 31
Cleaning Inside The Ovens 32
Cleaning The Stayclean Surfaces 32
Cleaning The Door Glass 32
Cleaning The Grill And Oven Furniture 34
Replacing An Oven Light Bulb 34

If Something Doesn't Work 35
Service and Spare Parts 37
Guarantee Conditions 38

FOR THE INSTALLER

Technical Details 39
Warnings 40

Choice Of Electrical Connection 40
Things To Note 41
Preparing Cabinet For Fitting Oven 41
Recommended Cabinet Dimensions 42
How To Finish Unpacking 43
Tools Required 43

Making The Electrical Connections 43
Preparing Cable 43
To Remove Cover Of Mains Terminal 44
Connecting To The Mains Terminal 45
Connecting To A Hob Or Cooker Point 45
Checking Electrical Connections 45

Fitting Into The Cabinet 46

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BEFORE CALLING SERVICE

Below is a list of frequently occurred symptoms. Before you call for service, make these simple checks. Some of these symptoms can easily be rectified if you know what to do.

Symptom	What you should do
Colour patch (uneveness)	• Switch off the TV by the mains power button. Wait for 20 minutes before switching on again. • Check the TV is not placed too near speakers or magnetic objects.
No power	• Check the TV's AC power cord is plugged into the mains socket. If there is still no power, disconnect plug. Wait for 60 seconds and re-insert plug. Switch on the TV again.
No picture	• Check the antenna connection at the rear of the TV. • Possible TV station problem. Try another channel.
Good picture but no sound	• Try increasing the volume. • Check that the sound is not muted. If it is muted, press the **Mute** button on the remote control to restore sound.
Good sound but poor colour or no picture	• Try increasing the contrast and brightness setting.
Snowish picture and noise	• Check antenna connection at the rear of the TV.
Horizontal dotted lines	• Possible electrical interference e.g. hairdryer, vacuum cleaner, etc. Switch off appliances.
Double images or "Ghost" images	• Possible poor positioning of antenna. Using a highly directional antenna may improve reception.
TV not responding to remote control handset	• Check life span of batteries of remote control handset. • Aim remote control handset directly at remote control sensor lens on the TV.

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Configuration

Configuration	The HP 9000 rp8420 Server is a symmetrical multiprocessing (SMP) server supporting up to 16 high performance dual core PA-8900 (1.1 GHz or 1.0 GHz) processor modules. A dual core processor module supports two cores resulting in a 32 core server. It also supports the new and improved sx1000 chip set. The rp8420 can be configured as a single SMP server or divided into up to four smaller, hardware partitioned (nPars), logical servers.
Cell Boards	A minimum of one and a maximum of four cells can be ordered in an HP 9000 rp8420 Server. Each cell can be purchased with up to four active dual core PA-8900 processor modules (eight cores), or in combination with Instant Capacity processors. Four processor speeds are supported; 1.1 GHz and 1.0 GHz (using PA-8900) or 1.0 GHz and 900 MHz (using PA 8800). The ability to mix PA 8800 or PA 8900 processor speeds within a chassis is supported (but processors within a cell or partition must be of the same speed). PA-8800 and PA-8900 may be mixed within the same chassis provided they are placed in different hardware partitions. PA-8800/PA-8900 and PA-8700+ processors may not be mixed in the same server. The HP 9000 rp8420 Server (16 processor module slots) and HP 9000 rp7420 (8 processor module slots) servers share the same cell board. A processor module slot contains 1 dual core processor module (two cores). The HP 9000 rp8420 Server cell board can be carried forward to the HP Integrity rx8620 and supported Itanium processors in that chassis. The HP 9000 rp8400 cell board (A6096A) cannot be carried forward to the HP 9000 rp8420 Server and must be replaced (although previous HP 9000 rp8400 memory can be carried forward). When replacing previous HP 9000 rp8400 cell boards in an upgrade situation, cell board and PA-8700/8700+ return credits may be used.
Cell Details	• 4 Processor module slots (supporting up to 8 cores) • 16 Memory DIMM slots • Cell Controller Chip – sx1000 • DC-DC Power converters
Cell Board Configuration Rules	• Cell boards are ordered individually • Minimum: 1 cell board • Maximum: 4 cell boards • Cell slots 0 or 1 must be loaded first • Recommended Cell board loading order: 0, 1, 2, 3
Dual core PA-8900 processor module details	• 1.1 GHz or 1.0 GHz frequencies • Level 2 Cache: 64 MB • Level 1 Cache: 3 MB (1.5 MB integrated cache per core) • 44 bit physical addressing • 4processor set associative cache • Single bit cache error correction • 4processor superscalar • 56 instruction reorder buffer • Full PA RISC 2.0 binary compatibility
Processor Configuration Rules	• Processors can be ordered individually (2 processors) or upgraded individually • There must be at least one active processor core (non iCAP) on each cell board. • On each cell board, processors must be installed in the following sequence 0, 2, 1, 3

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CABLE CONNECTIONS

Turn off your computer before performing the procedure below.

1. Connect the power adapter dc cable to the DC-In port on the back of the monitor.
2. Connect one end of the 15-pin D-Sub cable to the back of the monitor and connect the other end to the computer's D-Sub port.
3. (only Dual-Input Model)Connect one end of the 24-pin DVI cable to the back of the monitor and connect the other end to the computer's DVI port.
4. Connect the audio cable between the monitor's audio input and the PC's audio output (green port).
5. Plug the power cable of your monitor into a nearby outlet. Plug the other end of the power cord into the power adapter.
6. Turn on your monitor and computer.

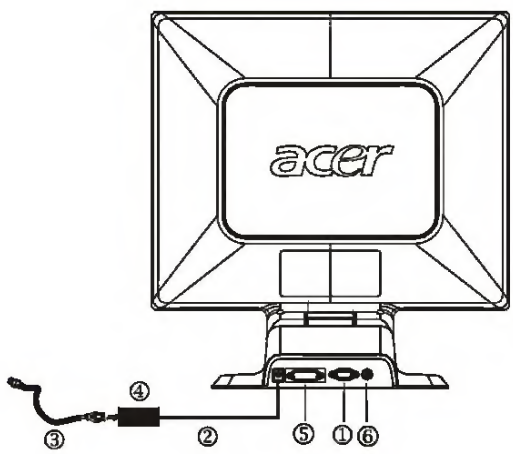

Figure 1 Connecting Cables

1.	D-SUB Cable	4.	External Adapter
2.	DC-Jack Power Cable	5.	DVI Cable
3.	AC Power Cord	6.	Audio cable

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LEDs
location 3-23
processor error, system board 3-25
processor on, system board 3-25
processor thermal overload, system board 3-25
levers
processor cage release 3-9
loading system software 2-7
loading the operating system 2-9
lock configuration information switch 3-24
locks 1-10

M

maintenance
routine 2-10
management 1-6. *See* server management
fault management 1-7
Insight Manager 5-2
Integrated Management Log 1-9
modem 1-9
management CD 2-9
mass storage *See* hard drives, CD-ROM drives, or diskette drives
materials, packed with server 2-3
media drive bays
accessing 3-1
memory
accessing components 3-10
accessing expansion sockets 3-1
configuring with SmartStart 2-7
DIMM installation alignment 3-14
DIMM socket latches 3-15
memory *Continued*
Error Checking and Correcting 1-2
installing 3-14
installion instructions 3-14
type and speed 1-2
upgradability 1-2
modem
management 1-9
mouse
connector 1-12, 2-6
interface 1-4
Mouse Connector 3-24

N

network
connector 1-12, 2-6
network controllers
integrated 1-4
interface 1-4
standard equipment 1-4
Network Interface
warning 2-5
network server mode 1-10
NIC
10/100 speed LED, system board 3-25
Active LED, system board 3-25
Link LED, system board 3-25

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TELEVISION

BEGIN

1. **Press the POWER button** to turn the TV ON.

Note: You can also press any button on the front of the TV to turn the TV ON.

2. **Press the VOLUME + button** to increase the sound level, **or the VOLUME – button** to lower the sound level.

Pressing both buttons at the same time will display the on-screen menu. Once in the menu, use these button to make adjustments or selections.

3. **Press the CHANNEL UP ▲ or DOWN ▼** button to select TV channels.

REMOTE

4. **Point the remote** control toward the remote sensor window on the TV when operating the TV with the remote.

STOP

BATTERY INSTALLATION

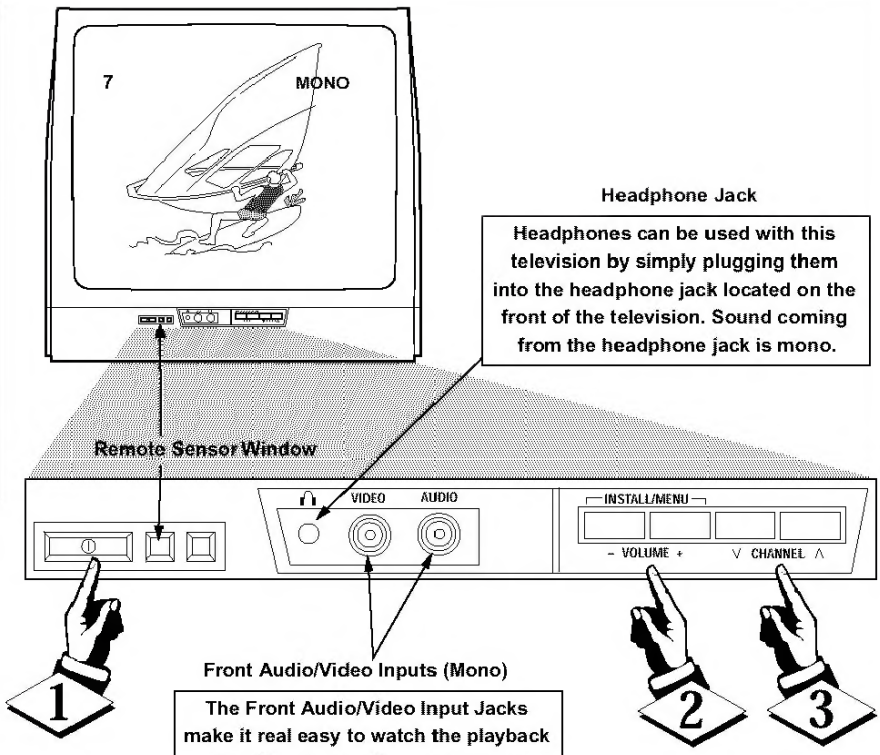
To load the supplied batteries into the remote:

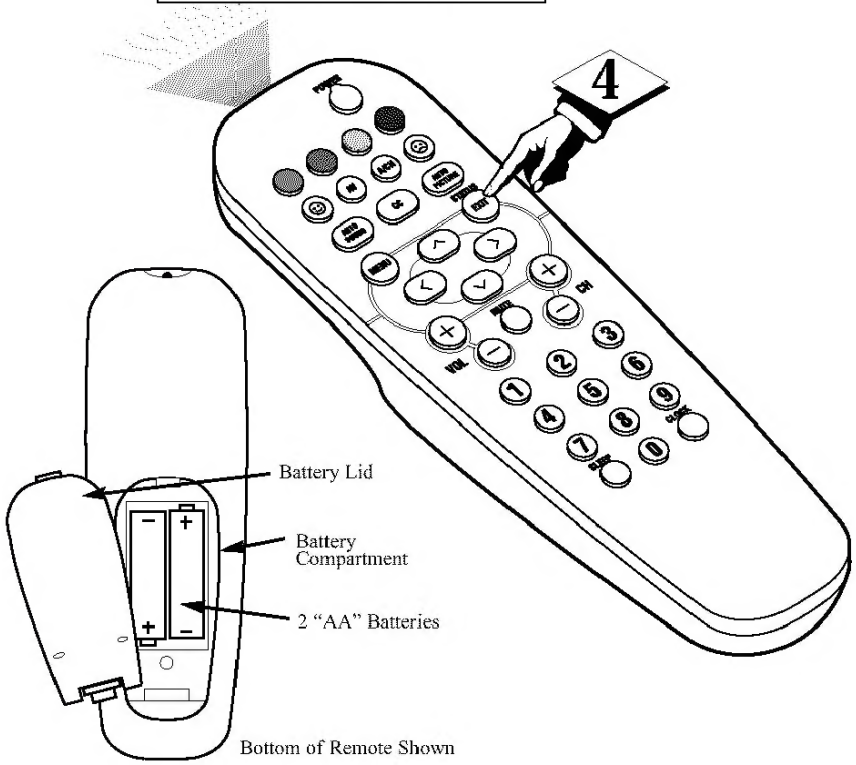
1. **Remove the battery compartment lid** on the back of the remote.
2. **Place the batteries (2-AA) in the remote.** Be sure the (+) and (-) ends of the batteries line up correctly (inside of case is marked.)
3. **Reattach the battery lid.**

SMART HELP

Remember, the tuned channel number will always briefly appear when the TV is first turned ON (and with channel changes.)

You can also press the STATUS/EXIT button (on the remote) to see what channel the TV is ON.


7
MONO
Headphone Jack
Headphones can be used with this television by simply plugging them into the headphone jack located on the front of the television. Sound coming from the headphone jack is mono.
Remote Sensor Window
VIDEO
AUDIO
INSTALL/MENU
– VOLUME +
∨ CHANNEL ∧
1
2
3
Front Audio/Video Inputs (Mono)
The Front Audio/Video Input Jacks make it real easy to watch the playback of a video tape using a camcorder (or any accessory device) with Audio/Video Output Jacks.



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The COOLMATIC indicator is shown.

The COOLMATIC function shuts off automatically after approximately 6 hours.

To switch off the function before its automatic end:

1. Press the Mode button until the COOLMATIC indicator flashes.
2. Press the OK button to confirm.
3. The COOLMATIC indicator goes off.

The function switches off by selecting a different fridge set temperature.

Holiday function

This function allows you to keep the refrigerator closed and empty during a long holiday period without the formation of a bad smell.

The fridge compartment must be empty with holiday function on.

To switch on the function:

1. Press the Mode button until the corresponding icon appears.

   The Holiday indicator flashes.

   The fridge temperature indicator shows the set temperature.
2. Press the OK button to confirm.

   The Holiday indicator is shown.

To switch off the function:

1. Press the Mode button until the Holiday indicator flashes.
2. Press the OK button to confirm.
3. The Holiday indicator goes off.

The function switches off by selecting a different fridge set temperature.

Door open alarm

An acoustic alarm will sound if the door is left open for a few minutes. The door open alarm conditions are indicated by:

- flashing Alarm indicator
- acoustic buzzer

When normal conditions are restored (door closed), the alarm will stop.

During the alarm, the buzzer can be switched off by pressing any button.

FIRST USE

Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand-new product, then dry thoroughly.

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1. Place the packed food in the drawers. Place food to be frozen in the upper drawer. Unfrozen food must not touch items already frozen, otherwise the frozen food could begin to defrost.
2. When freezing fresh food, depress the ambient temperature switch (A) 12 hours before loading the food without modifying the thermostat setting. The pilot light will come on. At the end of the freezing process, do not forget to depress again the ambient switch in order to avoid an increase of the power consumption.
3. Place frozen foods in the drawers sorted by type, as far as possible.
4. If large quantities of food are to be stored, remove all drawers and baskets from appliance and place food on cooling shelves. Pay careful attention not to exceed load limit ▼ stated on the side of the upper section

Ice pack

There are two ice packs in one drawer of the freezer.

In the event of a power failure or malfunction, the ice pack will lengthen the amount of time it takes for the frozen food to become too warm by several hours. The ice pack can only fulfil this task efficiently if it is placed in the uppermost drawer, at the front, above the frozen food. You can use the ice pack for cooling cold bags.

Preparation of Ice Cubes

1. Fill the ice cube tray 3/4 full with cold water, place it in the freezer compartment and leave to freeze.
2. To loosen the frozen cubes, either twist the ice cube tray or hold it under running water for a few seconds.

   Important! Never try to free an ice tray that is frozen to the freezer compartment using pointed or sharp edged objects. Use the ice scraper supplied.

Positioning

This appliance should only be installed at a location where the ambient temperature corresponds to the climate classification indicated on the rating plate, which is located on the inside left of the appliance.

The following table shows which ambient temperature is correct for each climate classification.

Climate classification	for an ambient temperature of
SN	+10 to +32 °C
N	+16 to +32 °C

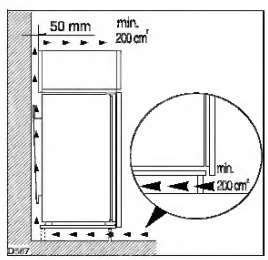
The appliance should be located in a dry atmosphere, out of direct sunlight and away from continuous heat and extreme temperature, e.g. not next to a boiler or radiator, or in a very cold room e.g. an outhouse. If these temperatures are exceeded i.e. warmer or colder, then the appliance may not operate correctly.

For building-in and door reversal instructions please refer to the relevant instructions on the following pages.

Your appliance needs air

For safety reasons, minimum ventilation must be as shown Fig.

Attention: keep ventilation openings clear of obstruction;



Reversing the door

⚠ The side the door opens can be changed from the right side (factory adjustment) to the left side, if the installation site requires.

Warning! When changing the side the door opens, the appliance must not be connected to the mains. Remove plug from the mains beforehand.

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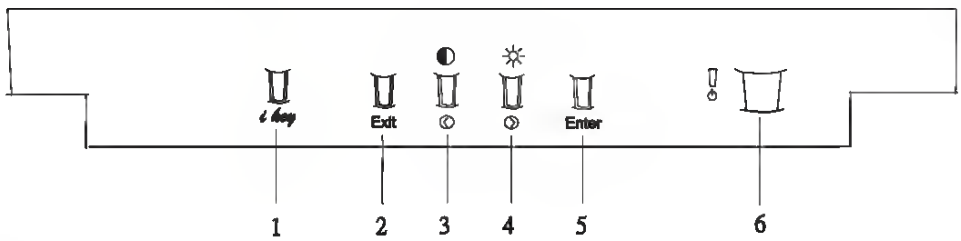
Adjusting the Monitor 3

A Look at the Control Panel



Adjusting the Monitor

You can adjust the monitor with the On-Screen Display (OSD) menus. There are 6 keys for user's control. They include **Exit**, ⊖ , ⊕ , **Enter**, and **Power Switch**. The following is the introduction.

Panel key introduction

1. *i key* : Intelligent key used for auto-calibration of picture size and position.
2. **Exit** key : returns to last page, saves or quits the menu system.
3. ⊖ / ◐ : adjusts the parameter setting to a lower value or adjusts contrast setting.
4. ⊕ / ☼ : adjusts the parameter setting to a higher value or adjusts brightness setting.
5. **Enter** key : goes into submenus or selects items.
6. **Power Switch: turns the monitor on or off.**

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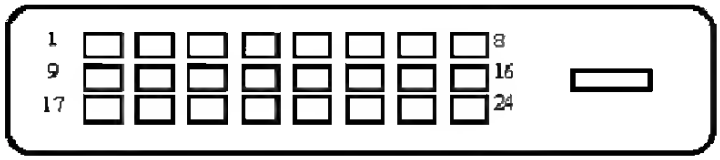

24-Pin Color Display Signal Cable

PIN	Meaning	PIN	Meaning
1	TMDS Data2-	13	TMDS Data3+
2	TMDS Data2+	14	+5V Power
3	TMDS Data 2/4 Shield	15	GND(return for +5V hsync vsync)
4	TMDS Data4-	16	Hot Plug Detect
5	TMDS Data4+	17	TMDS Data0-
6	DDC Clock	18	TMDS Data0+
7	DDC Data	19	TMDS Data 0/5
8	Analogue Vertical Sync	20	TMDS Data5-
9	TMDS Data1-	21	TMDS Data5+
10	TMDS Data1+	22	TMDS Clock Shield
11	TMDS Data 1/3 Shield	23	TMDS Clock+
12	TMDS Data3-	24	DDC TMDS Clock-

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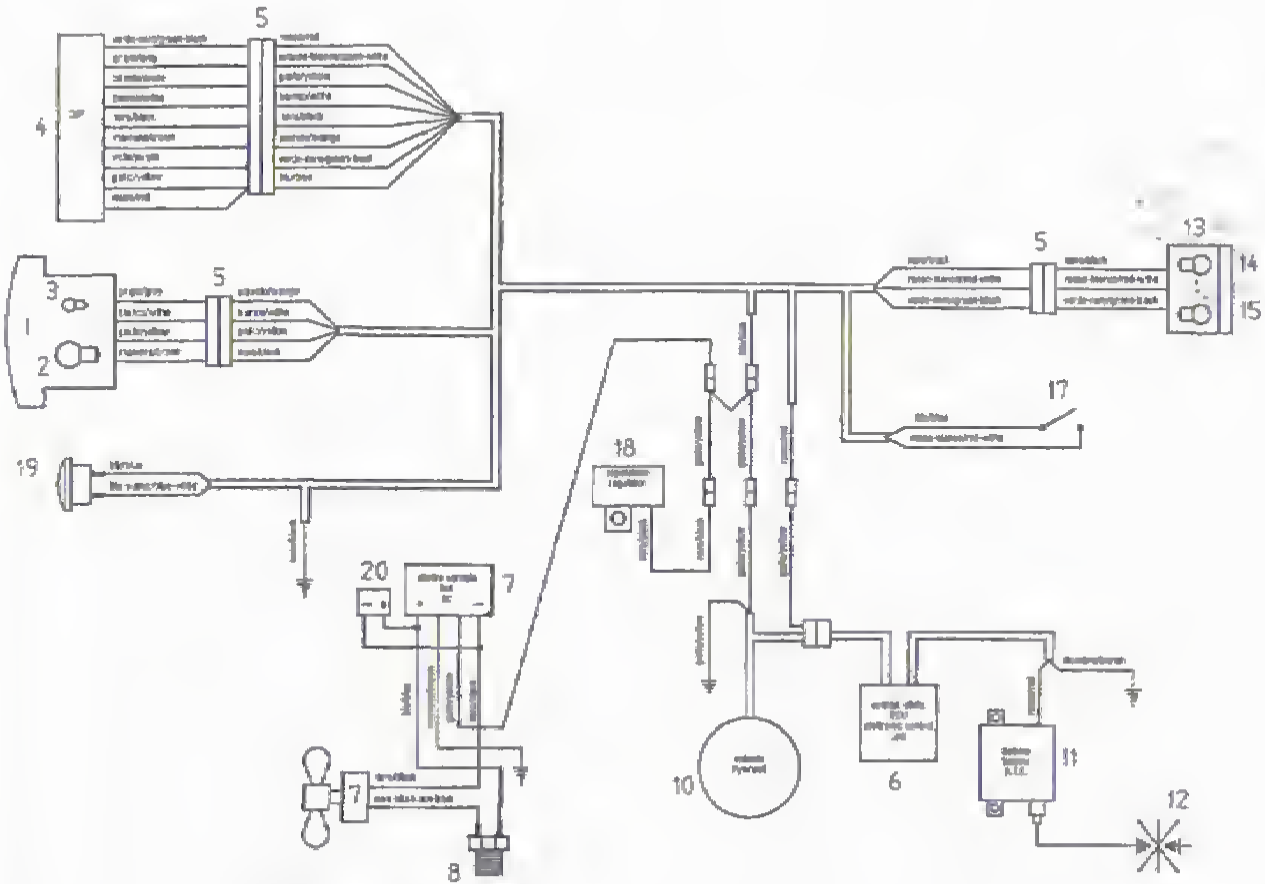


http://www.BCDirtbikes.com

Backlighting

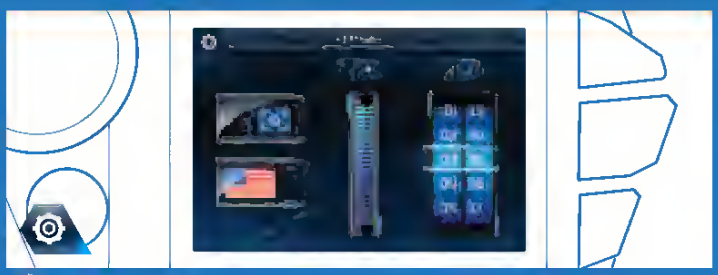
Set the custom backlighting colour for each of the 3 profile modes on the keyboard. Tap the tiles to select a colour, and then use the sliders to tweak the colour output.

Для каждого из трех режимов профиля на клавиатуре можно настроить особый цвет подсветки. Коснитесь плиток, чтобы выбрать цвет, а затем с помощью ползунков подберите желаемый оттенок.

Benutzerdefinierte Hintergrundbeleuchtungsfarbe für alle drei Profilmodi in der Tastatur. Die Farbauswahl erfolgt durch Antippen der Kacheln. Mit den Reglern wird die Farbausgabe eingestellt.

Vous pouvez définir la couleur du rétroéclairage du clavier pour chacun des trois modes de profils. Sélectionnez l'une des couleurs de la mosaïque, puis faites glisser le curseur pour en faire varier la teinte.

Regule el color de retroiluminación personalizado para cada uno de los 3 modos de perfil en el teclado. Pulse los mosaicos para seleccionar un color, luego use los controles deslizables para retocar la definición del color.



Settings

Configure brightness and sleep time of the touch screen display.

Для сенсорного экрана можно настроить яркость и время ожидания перед отключением.

Konfigurieren Sie die Helligkeit und die Standbyzeit der Touchscreen-Anzeige.

Vous pouvez configurer la luminosité et la mise en veille de l'affichage de l'écran tactile.

Configure la intensidad de brillo y el tiempo de suspensión de la pantalla táctil.

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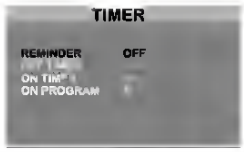
BASIC OPERATION



TIMER : To access the timer menu, move the cursor to timer option in features menu. You can set the reminder timer upto 120 minutes and you can be warned at the set reminder time. You can set On / Off timer by using 0 to 9 keys. Your TV set will switch On / Oft automatically at the time you select. Set program number in On Program by using 0 to 9 keys. Set will get switched ON to that program number by default after execution of On timer.

CLOCK : You can set time by using 0 to 9 keys and mode you can select as AM / PM or 24Hrs or ALARM OFF. On / Off timer will not work if you set mode as ALARM OFF.
Clock display will appear continuously on the screen by pressing call key and it will disappear by pressing call key again.

Following features will appear as you scroll down the cursor in features menu.

BLUEBACK : When blueback is ON, sets the screen in pleasant blue colour, if no signal is being received in TV /AV mode. Blueback gets disabled as soon as the transmission resumes. It also activated automatically with poor reception of signal. For watching TV in case of weak signal reception, you can OFF the blueback. Set gets OFF automatically if blueback is present more than approximately 10 minutes.

PLUGNPLAY : When the television is initially powered on, plug and play is the basic setting proceed automatically. Make it ON, if you need to tune all the available channels every time after set switch ON from mains. To Stop plug and play press MENU or CALL key. Plug & Play will not execute when child lock in Lock menu is ON.

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16m ove CPU cooler

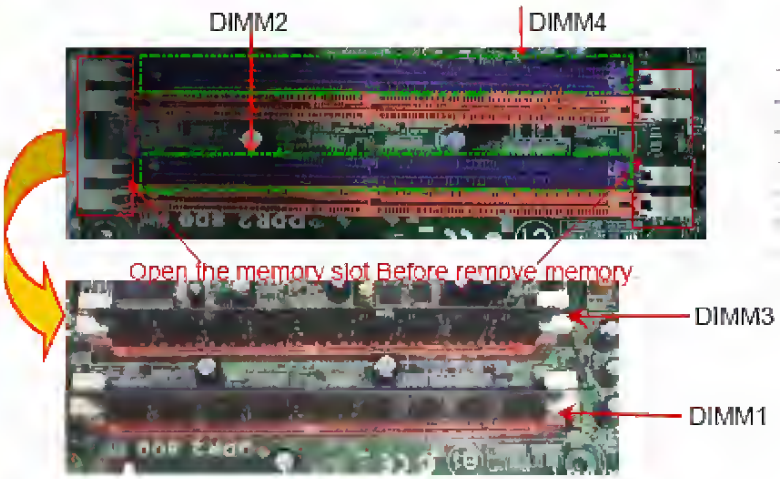
Process:

1. Remove cooler power cable from M/B "CPU-F2".
2. Release screw 1 first, then fixes screw 2, screw 3 & screw 4 (as pictures below).
3. Remove cooler from the retention module.

Remove memory

Process:

1. Remove the first memory from DIMM.
2. Remove the second memory from DIMM2 (optional by SKU).



DIMM 1	DIMM 2	DIMM 3	DIMM 4
A		B	
A		A	
A	B	A	
B	A	B	
A	B	A	B

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Adjusting the OSD position

1 Press the MENU key to bring up the OSD.

2 Using the directional keys, select OSD from the on screen display. Then navigate to the feature you wish to adjust.

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3.7 Pallet & Shipment

3.7.1 Container Specification

Stowing Type	Container	Quantity of products (sets) (Every container)	Quantity of Products (sets) (Every Pallet)	Quantity of pallet (sets) (Every Container)
With pallet	20'	900	Pallet A: 90	Pallet A: 10
			Pallet B:	Pallet B:
	40'	1800	Pallet A: 90	Pallet A: 20
			Pallet B: X	Pallet B: X
Without pallet	20'		X	X
			X	X
	40'		X	X
			X	X

3.7.2 Carton Specification

3.7.2.1 Product:

Net Weight (Kg)	Gross Weight (Kg)	Dimension w/o Base W*H*D (mm)	Dimension w/ Base W*H*D (mm)
4.1**kg**	5.6 **kg**	**mm**	**mm**

3.7.2.2 Package:

Carton Interior Dimension (mm) L*W*H	Carton External Dimension (mm) L*W*H
532*126*399mm	**540*134*411mm**

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02

Using CoPilot Live

Route Settings

CoPilot Live offers a number of routing options that change the way your route is calculated.

- Select **Menu** > **Settings** > **Routing**. You will need to scroll down to see some of the options.
- **Vehicle Type**: Select **Automobile** or **RV**.
- **RV Height Restrictions:** CoPilot uses a 12'6" or 13' height restriction for RV routing.
- **Routing Type:** Select **Quickest, Shortest, Avoid Expressways** or **Scenic.**
- **Toll Roads:** Select whether you want CoPilot to **Use** toll roads, **Always Avoid** them, or to **Avoid If Possible** (where practical and reasonable).
- Check **Avoid Ferries** to avoid ferry miles on your route.
- Choose **Avoid Propane-Restricted Tunnels** if necessary (e.g. RV trips).
- Check **International Borders Open** to allow your route to cross international borders. When this option is not checked, CoPilot won't cross international borders even when it would be more practical to do so.

Saving a Routing Profile

Different combinations of route settings can be saved as routing profiles for use at a later time.

- Click **Save Routing Profile**.
- Enter a name at the prompt and click **OK**.

Loading a Routing Profile

- Click **Load Routing Profile**.
- Select a profile from the list and click **OK** twice to apply the profile and close the Routing window.

Road Preferences

(Available only after a Routing Profile is saved.) Scroll down and click **View/Edit Road Preferences**.

- **For each road type**: Choose whether you want CoPilot to **Strongly Avoid**, **Avoid**, be **Neutral**, **Favor** or **Strongly Favor** when calculating a route.
- **Speed**: Select an appropriate speed for each road.

Note: Changing the default route and road preferences in CoPilot will affect the route calculated and ETA shown.

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Server Management

Server management features provide in-depth monitoring, analysis, and control of the fault-tolerance, performance, and configuration aspects of the servers. Server management features include:

- Server Parameter Tracking
- Server Fault Tolerance
- Recovery Services
- Remote Services Features

For information concerning server management features, refer to the Systems Reference Library CD included in the shipping box.

Compaq Insight Manager

Compaq Insight Manager, which is loaded from the Compaq Management CD, is an easy-to-use software utility for collecting server information. Insight Manager performs the following functions:

- Forwards server alerts fault conditions
- Monitors fault conditions and server performance
- Controls server security and configuration
- Remotely controls servers
- Initiates rapid recovery services

In Compaq servers, each hardware subsystem, such as disk storage, system memory, and system processor, has a robust set of management capabilities. The Compaq Full-Spectrum Fault Management prevents faults before they happen, keeps the system up and running in the unlikely event of a failure, and delivers rapid server recovery to normal operation after a fault. For information concerning Compaq Insight Manager, refer to the Server Setup and Management pack included in the shipping box.

Writer: Rick Chew Project: Compaq ProLiant 800 Servers Supporting Pentium II Processors and 100-MHz System Bus Setup and Installation Guide Comments: 179489-001
File Name: b-ch01.doc Last Saved On: 4/1/98 8:00 AM

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Adjusting the Height of the Upper Basket

	Maximum Height of the Dishes in the Upper Basket	Lower Basketk
With upper basket raised	22 cm	31 cm
With upper basket lowered	24 cm	29 cm

The height of the basket can also be adjusted when it is loaded.

Depending on the model, your appliance is provided with one of the following types of upper basket:

Lowering the Upper Basket:

☞ **1.** Pull the upper basket out completely.

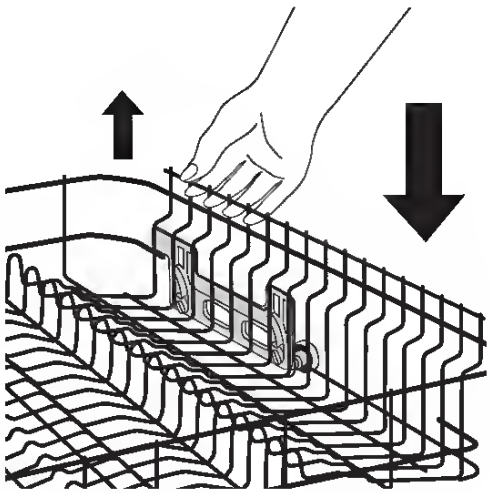
2. Lift the upper basket at the rear right and lower.

Raising the Upper Basket:

☞ **1.** Pull the upper basket out completely.

2. Raise the upper basket at the rear right, pull slightly forward and allow to lock into place in the upper position.

Type 1



Lowering the Upper Basket:

☞ **1.** Pull the upper basket out completely.

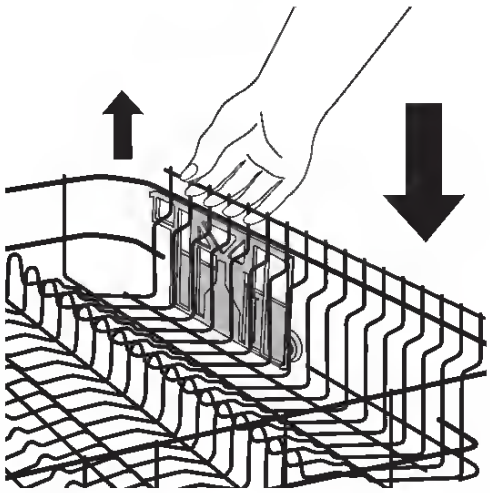
2. Holding the upper basket at the rear right, lift it as far as it will go and then lower it vertically. The upper basket will engage in the lower position.

Raising the Upper Basket:

☞ **1.** Pull the upper basket out completely.

2. Holding the upper basket at the rear right, lift it as far as it will go and then lower it vertically. The upper basket will engage in the higher position.

Type 2



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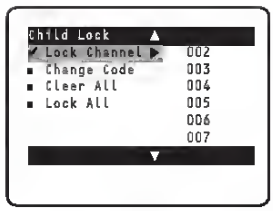
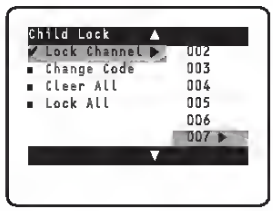
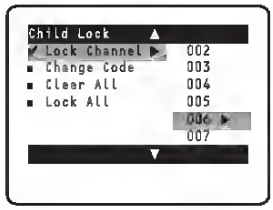
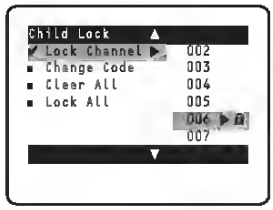
ACTIVATING THE CHILD LOCK (LOCK CHANNEL)

Step	Press button		Result on screen
Repeat **Steps 1** to **8** as in **"CHILD LOCK (ACCESS CODE)"**		The Child Lock menu will now appear. You can proceed to lock channel.	
9	>	Enter lock channel mode.	
10	^ or v	Select the channel you want to lock.	
11	>	Activate blocking of channel. A keylock symbol will appear beside the channel number indicating that it is locked. **Note** To lock more than one channel, repeat Steps 10 to 11 before exiting menu from screen.	
12		Exit menu from screen.	

18-24/E 22 05/14/03 3:06 PM

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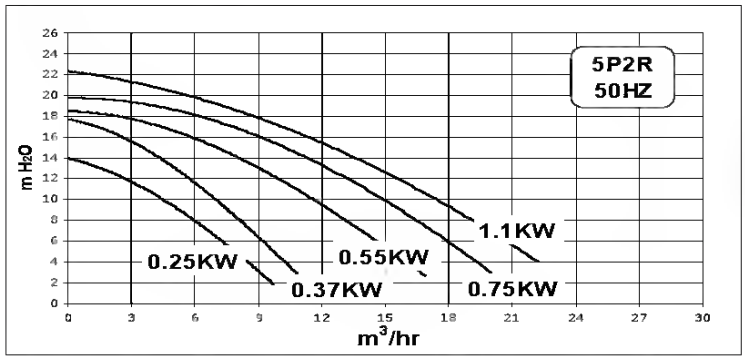
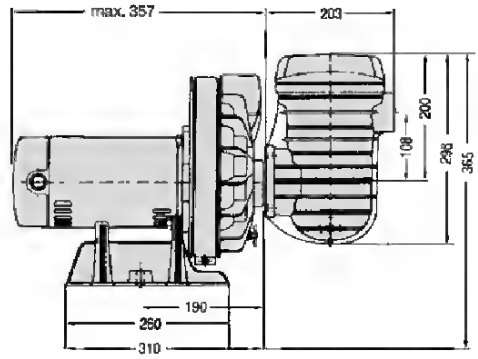
TECHNICAL DATA – TECHNISCHE DATEN - TECHNISCHE GEGEVENS

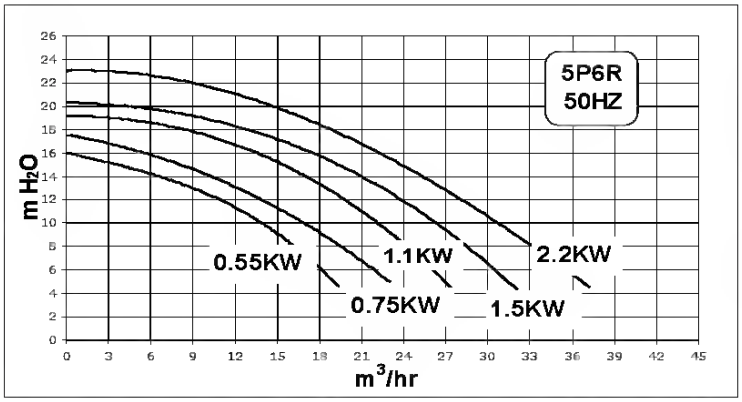
DONNÉES TECHNIQUES – DATOS TÉCNICOS – DATI TECNICI – Технические характеристики

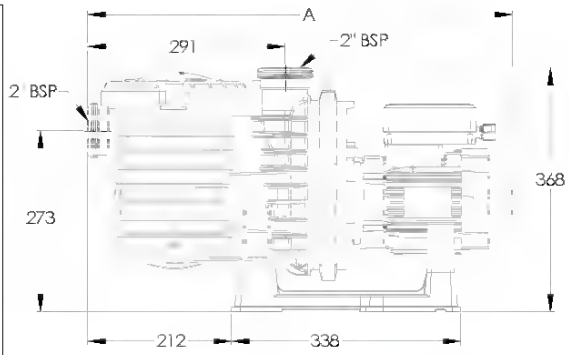
(S)5P2R



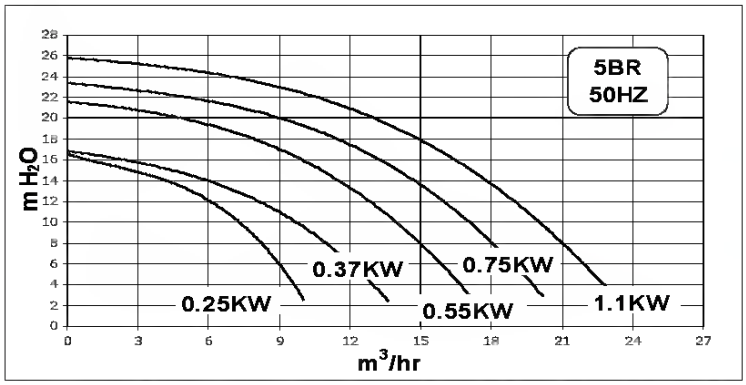


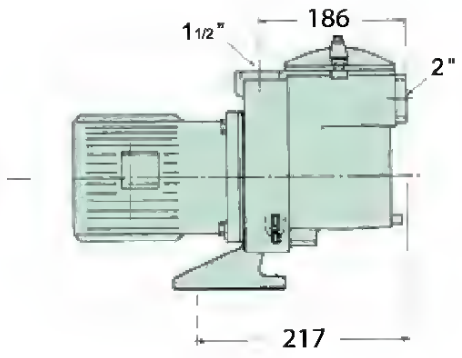
(SW)5P6R



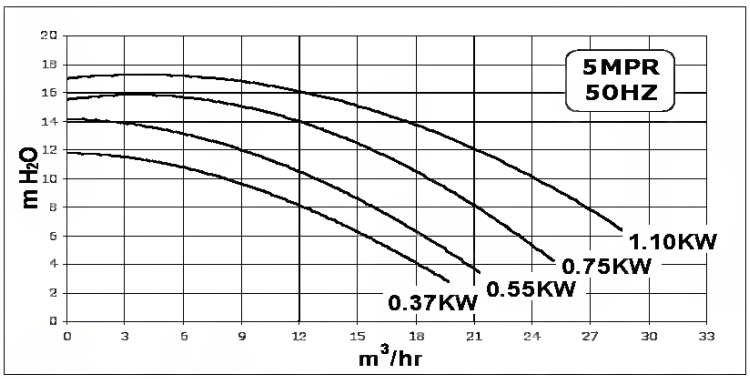


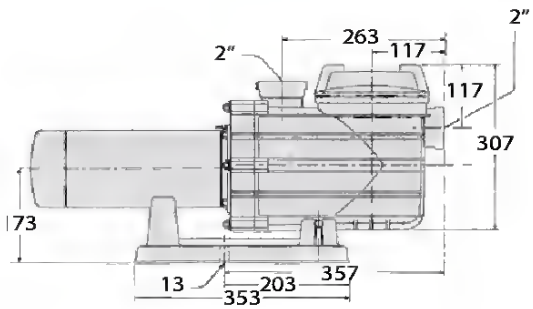
5BR





5MPR





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TOWING

B

WEIGHING YOUR TRAILER

The diagram shows how to weigh the trailer on scales.

1. Trailer s Total Weight (cannot exceed GVWR)
2. Trailer s Weight on Axel Assemblies (cannot exceed GVWR)
3. Weight on Trailer s Toungue

The allowable personal cargo must be distributed in your trailer in such a manner that the Gross Axle Weight Rating is not exceeded.

To determine this it is necessary to load all of your allowable personal cargo and variable weights. Then hitch the trailer to the tow vehicle with load equalizing hitch properly adjusted as shown on the following pages.

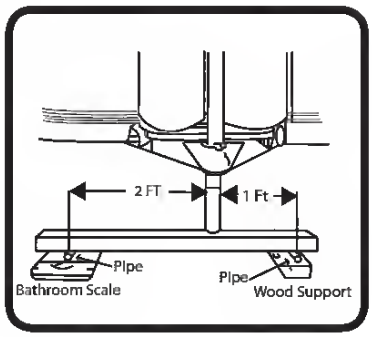
Place the trailer on a scale with both axles only on the scale (see 2). If the weight on the axles exceeds the axle system GAWR then some of the personal cargo must be redistributed forward in order to place some of this weight on the tongue.

The tongue weight should be in between 10% - 15% of the trailer's total weight, but must not exceed 1,000 lbs. Some tow vehicle manufacturers may restrict the amount of tongue load to a lower value. To determine tongue load, unhitch tow vehicle and place the tongue hitch post on a scale. The trailer must be properly loaded as determined above, with your allowable personal cargo and variable weights.

Use a scale, such as a bathroom scale, that has a lower weight limit than your tongue load to check the tongue weight by using the following method (see illustration).

Place a piece of wood of approximately the same thickness as the bathroom scales on the ground in line with the trailer hitch jack as shown. It should be so spaced that a short piece of pipe or other round piece will lay exactly one foot from the centerline of the jack extension. Place the scales so that another round piece can be exactly two feet from the centerline of the jack extension in the other direction. Place a 4 x 4 on the two round pieces and screw the jack extension down on the top of the 4 x 4 until the tongue of the trailer is supported by it. Multiply the scale reading by three. This will be the tongue weight of your trailer. If you exceed the capacity of the bathroom scales, increase the two-foot dimension to three or four more feet, but always multiply the scale reading by the total number of feet between the wood and scales.

CAUTION: Be sure trailer is level when you read scales.



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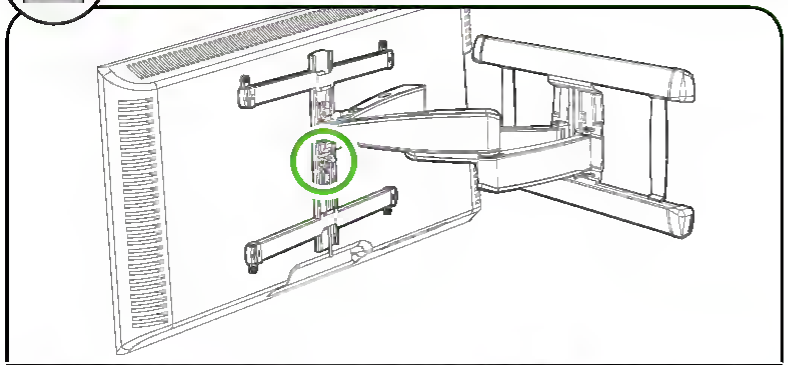
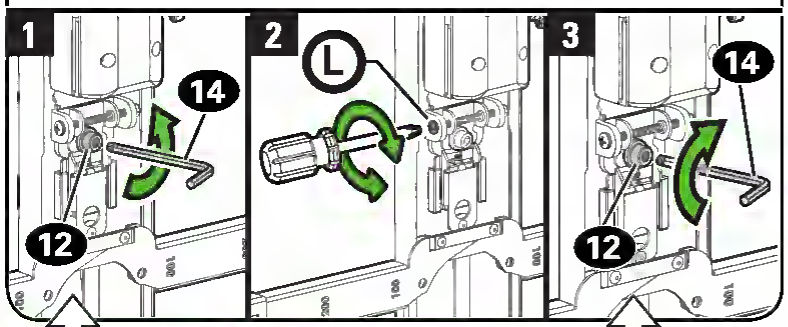
Adjustments

LEVEL ADJUSTMENT





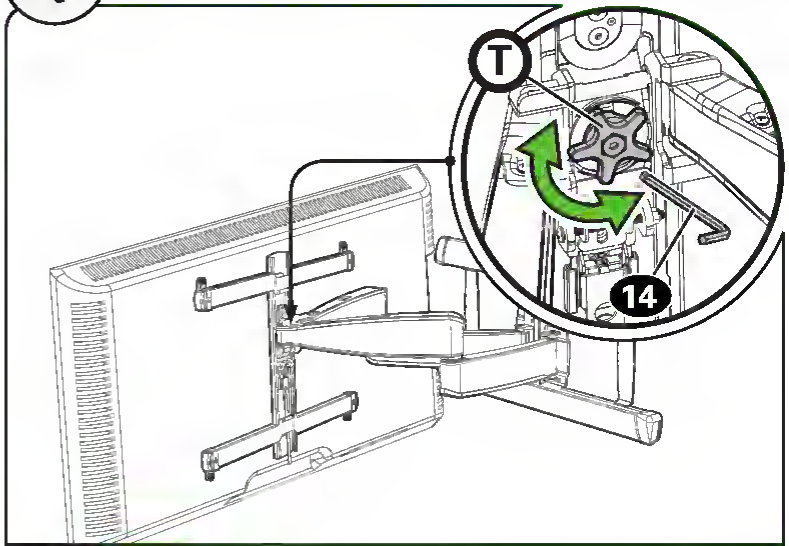
CAUTION:

Screw 12 MUST be loosened before turning screw L.

CAUTION: Avoid potential personal injury or property damage!

Always make sure your securement screw 12 is tightened, so the TV is securely fastened to the arm assembly 11.

TILT ADJUSTMENT



NOTE:

If you do not intend to adjust the tilt for different viewing locations, you can tighten the tilt tension knob T, to prevent unwanted movement. If needed, use hex key 14 to tighten more firmly.

Your TV should adjust easily when moved, then stay in place.

Adjust the tilt tension knob T if your TV naturally tilts up or down.

Technische Daten

Technische Daten	
Standards	WLAN HD 1.1, HDMI 1.4a, MHL V2.0
Frequenz	60 GHz
Eingang/Ausgang	HDMI/MHL -n (MWIT1), MHL Ausgang x 1 (MWIR1)
Antennentyp	24 Antennenanordnung
Bereich	10 Meter Nutzung innen
A/V-Anschluss	MWIT1: 1 Anschluss (CEC Passthrough) MWIR1: 1 Anschluss (CEC Passthrough)
Physikalische Daten	Gewicht: 106 g (MWIT1) 120 g (MWIR1) Abmessungen: 88,0 x 72,0 x 31,2 mm (MWIT1) 100,0 x 30,0 x 18,0 mm (MWIR1)
Netzteil	Eingang: AC 100 bis 240 V bei 50 / 60 Hz 0,3 A Ausgang: DC 5 V 2,0 A
LED-Anzeigen	Eine Netzanzeige.
Betriebsumgebung	Betriebstemperatur: 0 bis 40° C Lagertemperatur: -20 bis 70° C Betriebsluftfeuchtigkeit: 10% bis 90% (nicht kondensierend) Lagerluftfeuchtigkeit: 5% bis 90% (nicht kondensierend)
SRRC Nummer	MWIT1:
	MWIR1:

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REPRODUCCION PROGRAMADA

Se podrá programar un máximo de 20 canciones de cualquiera del disco introducidos.

Utilice el control remoto.

1 Pulse el botón PRGM manteniendo presionado el botón SHIFT estando en el modo de parada.
El indicador PRGM parpadea en el visor.

2 Pulse los botones numéricos y el botón +10 para programar una canción.
Ejemplo:
Para seleccionar la canción número 25, pulse los botones +10, +10 y 5.
Para seleccionar la canción número 10, pulse los botones +10 y 0.
VISUALIZACION
① Número de programa
② Número de la canción seleccionada
③ Tiempo de reproducción total de las canciones seleccionadas
④ Número total de canciones seleccionadas

3 Repita el paso 2 para programar otras canciones.

4 Pulse el botón ◄► para iniciar la reproducción.

Para comprobar el programa
Cada vez que se pulse el botón ◄◄ o ►► antes de la reproducción, un número de canción y número de programa se visualizarán.

Para borrar el programa
Pulse ■ CLEAR en el modo de parada.

Para añadir canciones al programa
Antes de reproducir, repita el paso 2. La canción se programará después de la última canción programada.

Para cambiar las canciones programadas
Borre el programa y repita todos los pasos de programación.

NOTA

- Durante la reproducción programada, no podrá realizar las operaciones siguientes:
  – Reproducción aleatoria con el botón RANDOM
  – Repetición de un tema (REPEAT 1) con el botón REPEAT.
- Si el tiempo programado sobrepasa los 99:59 minutos, o si se programa la 31 ava pista o posterior a ésta, el tiempo total de reproducción muestra – – : – – en el visualizador.

LECTURE PROGRAMMEE

On peut programmer un maximum de 20 plages de n'importe lequel de disque en place.

Utiliser la télécommande.

1 Appuyer sur la touche PRGM en maintenant enfoncée la touche SHIFT en mode d'arrêt.
L'indicateur PRGM clignote dans l'afficheur.

2 A l'aide des touches numériques et de la touche +10, programmer une plage.
Exemple:
Pour sélectionner la vingt-cinquième plage, appuyer sur les touches +10, +10 et 5.
Pour sélectionner la dixième plage, appuyer sur les touches +10 et 0.
AFFICHAGE
① Numéro de programme
② Numéro de la plage sélectionnée
③ Temps de lecture total des plages sélectionnées
④ Nombre total de plages sélectionnées

3 Répéter l'étape 2 pour programmer d'autres plages.

4 Appuyer sur la touche ◄► pour démarrer la lecture.

Pour contrôler le programme
A chaque pression sur la touche ◄◄ ou ►► avant la lecture, un numéro de plage et un numéro de programme sont affichés.

Pour effacer le programme
Appuyer sur la touche ■ CLEAR dans le mode arrêt.

Pour ajouter des plages au programme
Avant la lecture, répéter l'étape 2. La plage sera programmée à la suite de la dernière plage.

Pour changer les plages programmées
Effacer le programme puis répéter toutes les étapes.

REMARQUE

- Pendant la lecture programmée, les opérations suivantes sont impossibles:
  – Lecture aléatoire avec la touche RANDOM
  – Lecture répétée d'une plage (REPEAT 1) à l'aide de la touche REPEAT.
- Si la durée programmée dépasse 99:59 minutes ou si 31 plages ou plus sont programmées, la durée totale de lecture est indiquée par – – : – – sur l'affichage.

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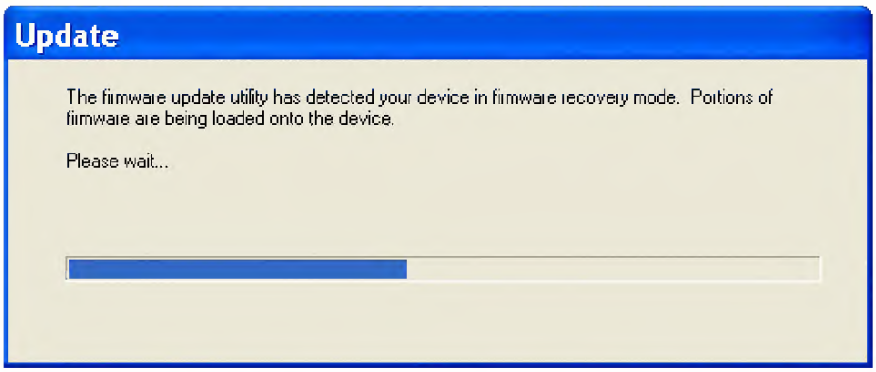
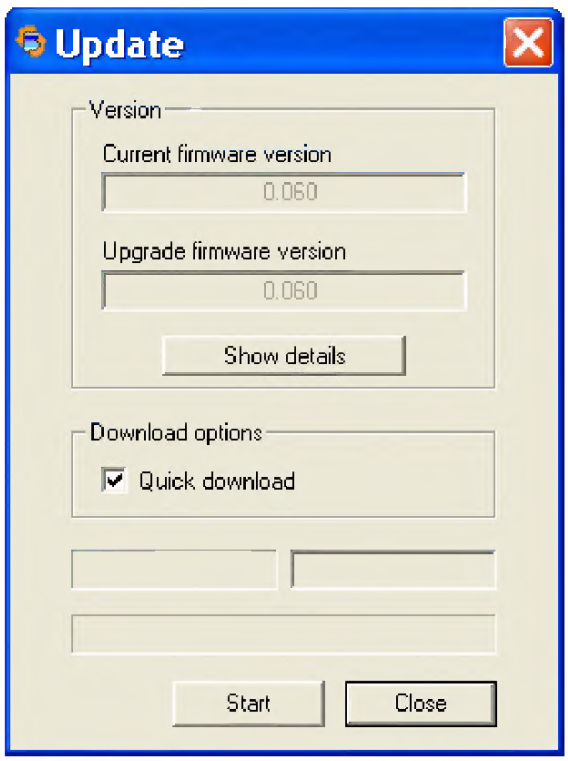
4. Release the play button.
5. Run the *Update* program from the *Start* menu (*Start -> Programs -> Acer MF-380 MP3 USB Storage Drive -> Update*). This will load the firmware to update.


Update
The firmware update utility has detected your device in firmware recovery mode. Portions of firmware are being loaded onto the device.
Please wait...

6. After loading firmware, you will see an update dialog.



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Connect a computer

Before you connect a computer to the TV

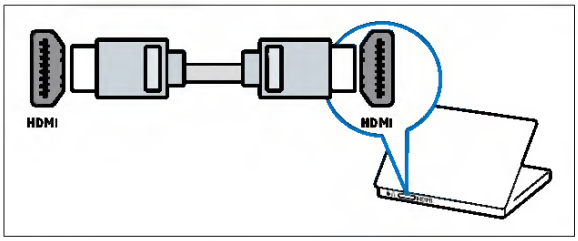
- Set the screen refresh rate on your computer to 60Hz.
- Select a supported screen resolution on your computer.

Connect a computer with one of the following connectors:

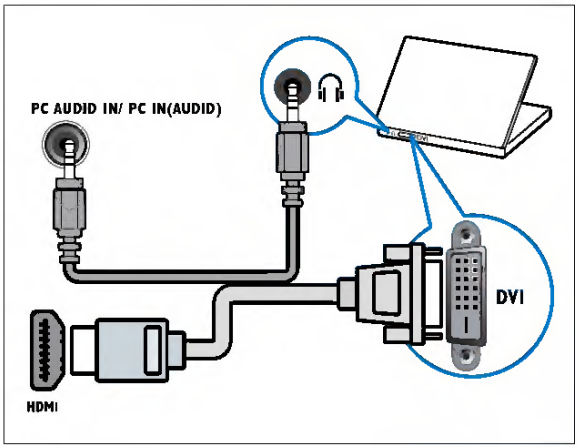
Note

- Connections via DVI or VGA require an additional audio cable.

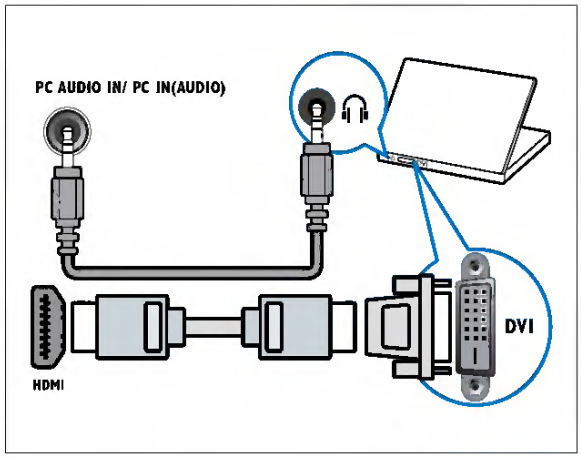
- HDMI cable



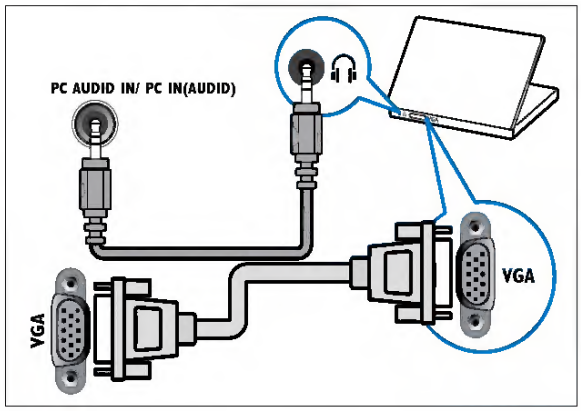
- DVI-HDMI cable



- HDMI cable and HDMI-DVI adaptor



- VGA cable



English

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